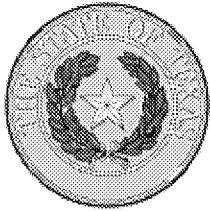


Message

From: Michael Honeycutt [Michael.Honeycutt@tceq.texas.gov]
Sent: 3/20/2019 8:06:03 PM
To: Rauscher, Jon [Rauscher.Jon@epa.gov]
Subject: FW: 3/19/19 and 3/20/19 Data Summary
Attachments: Deer Park SO2 Conc.xlsx; 20190319-233327Z_H2S.txt; 20190320-00012Z_H2S.txt; Climatronics AIO Avg1_Met.dat; Deer Park Fire 0319 FDSS_PP_VOC.xlsx



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E-Mail: michael.honeycutt@tceq.texas.gov

From: Richard Chism
Sent: Wednesday, March 20, 2019 9:05 AM
To: Michael Honeycutt <Michael.Honeycutt@tceq.texas.gov>; Sabine Lange <Sabine.Lange@tceq.texas.gov>
Cc: Tracy Miller <tracy.miller@tceq.texas.gov>; Ramiro Garcia <ramiro.garcia@tceq.texas.gov>; Susan Johnson <susan.johnson@tceq.texas.gov>; Brandy Brooks <brandy.brooks@tceq.texas.gov>
Subject: FW: 3/19/19 and 3/20/19 Data Summary

Here is the monitoring van data from yesterday.

From: Larry Ogle
Sent: Wednesday, March 20, 2019 8:56 AM
To: Julie Eldredge <Julie.Eldredge@Tceq.Texas.Gov>; Richard Chism <Richard.Chism@tceq.texas.gov>; Brandy Brooks <brandy.brooks@tceq.texas.gov>
Subject: 3/19/19 and 3/20/19 Data Summary

Good morning,

On Tuesday evening at 6:00 pm, we completed monitoring at the Galleria location and moved to 7728 Lockwood Drive which is east of Highway 69 and north of Loop 610. We were asked to move to this location northwest of the fire due to shifts in the upper air wind patterns and projected plume trajectory. We started monitoring at this location at 8:00 pm and monitored throughout the night. At 5 am on March 20, 2019, we heard that the fire had been extinguished at 3 am. We continue to monitor at this location. We have spoken with Joe Doby and have been advised to continue monitoring at this location until further notice.

I have attached the GC, SO₂ and H₂S data. We were able to pull unprocessed methane data from the Picarro, but cannot read the data file. It is in a .dat format. Nathan was able to open this file on his computer, but we have had difficulty trying to open it again this morning. The methane containing file will be in another email due to its size. Note that I did attach the meteorological file to this message.

H₂S, SO₂, methane and GC data were collected at 7728 Lockwood Drive. The highest uncorrected Level of H₂S detected was at 4:59 am and was 8.5 ppb. The highest level of SO₂ detected was at 8:00 pm and was 12.6 ppb. VOCs detected and their concentrations in ppb included:

Propane – 242

n-butane – 46.9

1,3-butadiene – 13.6

m&p-xylene – 5.94

All other target compounds including, benzene and toluene, were not detected.

Methane 3 to 6 ppm with maximum slightly above 6.5.

Please call with questions. Thank you.

Larry